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January 12, 2023

United States Environmental Protection Agency
Sam Nunn Atlanta Federal Center
61 Forsyth Street, SW
Atlanta, Georgia 30303-8960

Attention: Mr. James H. Smith
Corrective Action Specialist

Re: **Quarterly Progress Report #41 October-December 2022**
Bluestone Coke, LLC
3500 35th Avenue North
Birmingham, Jefferson County, Alabama
USEPA ID No. ALD 000 828 848
Terracon Project No. E1127096

Dear Mr. Smith:

On behalf of Bluestone Coke, LLC (Bluestone Coke), Terracon Consultants, Inc. (Terracon) has prepared Quarterly Progress Report #41 for the work completed from October 1, 2022 to December 31, 2022 for the above-referenced site. This progress report has been prepared in accordance with paragraph 53 of the Order on Consent with effective date of August 1, 2016.

PROGRESS REPORT (OCTOBER 1, 2022 THROUGH DECEMBER 31, 2022)

Corrective Measures Implementation

SMA 3

- EPA collected 25 surficial soil samples from SMA 3 on November 28 and 29, 2022. Terracon collected split surficial samples with EPA.
- Bluestone Coke received a request from EPA to prepare an Interim Measures Work Plan for a Pilot Study at SWMU 5 in SMA 3 on October 11, 2022.

SMA 4

- Injection event #2 for the pilot test in SMA 4 was conducted from October 17 through October 31, 2022.

Interim Measures

- Hydraulic Control System was shut down during this period due to the Pilot Test. The pumping may interfere with the injected chemicals. The hydraulic control system will remain off during the pilot study.
- Groundwater level measurements and groundwater samples were collected from the monitoring wells on November 16 and November 17, 2022. These results will be reported to EPA in the next Annual Report which is due by August 30, 2023.

PROJECTED WORK FOR NEXT REPORTING PERIOD (JANUARY 1, 2023 THROUGH MARCH 31, 2023)

Corrective Measures Study

SMA 3

- EPA will provide Bluestone Coke with the analytical results for the surficial soil samples collected in November 2022.
- The Interim Measures Work Plan for SWMU 5 will be submitted to EPA.

Interim Measures/Remediating Monitoring

- Collect groundwater samples in February 2022. Annual Report completed by August 30, 2023.

Pilot Test SMA 4

- Collect soil and groundwater samples post injection #2 in February 2023.

CLOSING

If you should have any questions, please do not hesitate to contact us at (205) 942-1289.

Sincerely,
Terracon



Terrell W. Rippstein, AL-PG#8
Principal Geologist

Cc: David Egetter – EPA Region 4
Mr. Don Wiggins – Bluestone Coke
ADEM